

If not shown, please enter your 11-digit Census File Number from the address label on page 1

Census File Number

Item 18B. PRODUCTS AND SERVICES OF THIS ESTABLISHMENT DURING 1997

INSTRUCTIONS

1. General – The manufactured products and services listed below are generally made in your industry. If you make products that are not listed, describe and report them in the "All other products made in this establishment" section at the end of item 18B. PLEASE DO NOT COMBINE PRODUCT LINES.

If quantities are requested, please use the unit of measure specified.

If the information as requested cannot be taken directly from your book records, REASONABLE ESTIMATES ARE ACCEPTABLE.

2. Valuation of Products – Report the value of the products shipped and services performed at the net selling value, f.o.b. plant to the customer; i.e., after discounts and allowances, and exclusive of freight charges and excise taxes.

If you transfer products to other establishments within your company, you should assign the full economic value to the transferred products; i.e., include all direct costs of production and a reasonable proportion of all other costs and profits.

3. Contract Work – Report PRODUCTS MADE BY OTHERS FOR YOU FROM YOUR MATERIALS on the specific lines as if they were made in this establishment. On the other hand, do not report on the specific product lines

PRODUCTS THAT YOU MADE FROM MATERIALS OWNED BY OTHERS. Report only the amount that you received for "commission or contract receipts" under Census product code 93000 00 8.

4. Resales – Do not report on the specific product lines those PRODUCTS BOUGHT AND SOLD OR TRANSFERRED FROM OTHER ESTABLISHMENTS OF YOUR COMPANY AND SOLD WITHOUT FURTHER MANUFACTURE. Report only a value under Census product code 99989 00 6, "Resales."

5. Detailed Data Reported Elsewhere – Items denoted by an asterisk (*) require totals for groups of products covered in the more frequent Current Industrial Reports (CIR). If you report on the CIR forms, the sum of the detailed CIR products should equal the total reported on this census form. The Current Industrial Reports related to this report are as follows:

a. MA33L, Insulated Wire and Cable

b. MA35R, Computers and Office and Accounting Machines

c. MA36K, Wiring Devices and Supplies

d. MA36P, Communication Equipment, Including Telephone, Telegraph, and Other Electronic Systems and Equipment

e. MA36Q, Semiconductors, Printed Circuit Boards, and Other Electronic Components

f. MA38B, Selected Instruments and Related Products

NOTE: Only CIR totals are requested; do not duplicate detail reported on the CIR.

Line No.	Products and services *Item corresponds to products reported on Current Industrial Reports		Census product code	Corresponds to the sum of products reported for 1997 on –		Products shipped and other receipts		
						Value, f.o.b. plant (E)		
	(A)		581 (B-1)	CIR form (B-2)	Codes (B-3)	584 Millions	Thou-sands	Dollars
1	Electronic teaching machines, teaching aids, trainers, and simulators, including kits (36991)*		36991 00 8	MA36P	4416–4418	\$		
2	Laser Systems and Equipment (Except communication) (36992)	Search and detection equipment	36992 11 3					
3		Analytical and scientific instruments, except optical	36992 13 9					
4		Sighting and tracking equipment	36992 21 2					
5		Commercial, geophysical, and meterological instruments	36992 23 8					
6		Surveying and drafting equipment	36992 25 3					
7		INDUSTRIAL	Welding equipment	36992 91 5				
8			Boring and drilling equipment	36992 31 1				
9			Gear cutting machines	36992 33 7				
10			Textile printing equipment	36992 41 0				
11			Printing presses	36992 43 6				
12			Etching and engraving equipment	36992 45 1				
13			Photographic equipment	36992 51 9				
14			Holographic equipment	36992 53 5				
15			Quality control equipment	36992 55 0				
16		MEDICAL	Electromedical	36992 61 8				
17			Dental	36992 65 9				
(Continued on next page)								

CONTINUE WITH ITEM 18B ON PAGE 8

Item 18B. PRODUCTS AND SERVICES OF THIS ESTABLISHMENT DURING 1997 – Continued								
Line No.	Products and services *Item corresponds to products reported on Current Industrial Reports		Census product code	Corresponds to the sum of products reported for 1997 on –		Products shipped and other receipts		
						Value, f.o.b. plant (E)		
			581	CIR form (B-2)	Codes (B-3)	584	Millions	Thou-sands
(A)	(B-1)	(B-2)	(B-3)					
18	Laser Systems and Equipment (Except communication) (36992) – Continued	Bar code scanners/readers*	35771 00 5	MA35R	3752	\$		
19		Laser sources*	36992 71 7	MA36P	5212–5260			
20		Laser components	36992 73 3					
21		Other	36992 97 2					
22	Ultrasonic equipment (except medical and dental) (36995)*		36995 00 9	MA36P	5305			
23	Electronic systems and equipment, n.e.c. (including automatic garage door openers, and amplifiers, except audio, RF power, and video) (36999)*		36999 00 1	MA36P	5420–5435			
24	Christmas tree lighting sets		36996 01 5					
25	All other apparatus wire and cordage (manufactured primarily from purchased insulated wire) (36996)		36996 05 6					
26	ELECTRICAL PRODUCTS, N.E.C. (Excluding garage door openers) (3699A)	Electrical door openers, except garage door openers	3699A 05 7					
27		Electric gongs, chimes, bells, etc.	3699A 01 6					
28		Electric insect repellent lamps	3699A 02 4					
29		Electric insect killers	3699A 03 2					
30		Electrical outboard motors for boats (complete propulsion unit)	3699A 07 3					
31		Other electrical products, n.e.c. – Specify kind	3699A 21 4					
32	Switches for electrical circuitry (including vehicular) (36433)*		36433 00 1	MA36K				
33	Communication systems and equipment, except broadcast, but including microwave equipment such as transmitters, receivers, and amplifiers, and space satellites (36631)*		36631 00 0	MA36P				
34	Broadcast, studio, and related electronic equipment (36632)*		36632 00 8					
35	Alarm systems, including electric sirens, and horns (36691)*		36691 00 4					
36	PRINTED CIRCUIT BOARDS OR ASSEMBLIES (Report contract work receipts for work done by you for others on their own materials on lines 46 and 47)	Printed circuit (wiring) boards (36720)*	36720 00 1	MA36Q	8602–8637			
37		Printed circuit assemblies, loaded boards or modules (printed circuit boards with inserted electronic components)(36798)*	36798 00 7		8751–8790			
38		Other electronic components n.e.c. (including static power supply convereters and cable harness assemblies)*			36799 20 3	9713–9745		
39	Search and detection, navigation and guidance systems and equipment (38122)*		38122 00 8		MA38B	4202–4382		
40	Test equipment for testing electrical, radio and communications circuits, and motors (38252)*		38252 00 3	5701–5849				
41	Optical instruments and lenses (except sighting, tracking and fire control instruments, binoculars, and astronomical instruments)*		38274 20 5	8221–8245				
CONTINUE WITH ITEM 18B ON PAGE 9								

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Item 18B. PRODUCTS AND SERVICES OF THIS ESTABLISHMENT DURING 1997 – Continued

Line No.	Products and services *Item corresponds to products reported on Current Industrial Reports		Census product code	Corresponds to the sum of products reported for 1997 on –		Products shipped and other receipts		
						Value, f.o.b. plant (E)		
	(A)		581 (B-1)	CIR form (B-2)	Codes (B-3)	584 Millions	Thou-sands	Dollars
42 43 44 45 46	ALL OTHER PRODUCTS MADE IN THIS ESTABLISHMENT	Describe and report separately each product with a sales value of \$50,000 or more which cannot be assigned to one of the lines above. For all remaining products, write "Other" and report a single total value.						
			18			\$		
			26					
			34					
			42					
			59					
47	CONTRACT WORK (Receipts for work done for others on their own materials)	Printed circuit (wiring boards)*	93000 31 3					
48		Printed circuit assemblies, loaded boards or modules (printed circuit boards with inserted electronic components)	93000 32 1					
49		Receipts for work done for others on their own materials	93000 00 8					
		Describe below products worked on and kind of work.						
50	MISCELLANEOUS RECEIPTS	Receipts for research and developmental work	99980 41 9					
51		Other miscellaneous receipts (including repair work, installation, sales of scrap and refuse)	99980 97 1					
52	RESALES	Sales of products bought and sold without further manufacture, processing, or assembly in this establishment. The cost of such items should be reported in item 10, line b.	99989 00 6					
53	TOTAL value of shipments and other receipts Sum of lines 1–52, column (E)		77000 00 8			\$		

CONTINUE WITH ITEM 19 ON PAGE 10

Item 19. SELECTED PRODUCTS PRODUCED IN THIS ESTABLISHMENT AND USED IN MANUFACTURING OTHER PRODUCTS MADE IN THIS ESTABLISHMENT

INSTRUCTIONS

1. Report below the quantity of each listed item produced in this establishment and used in manufacturing other products made in this establishment.

2. Purchases or receipts of the items specified below should be reported only in item 17.

3. Materials used to produce the items specified below should be reported in item 17.

4. Quantities produced for sale as such and not for incorporation in other products should be reported in item 18B.

5. Report quantities in the unit of measure specified in column (D).

Line No.	Item		Census code	Was this operation performed at this establishment during 1997?		Unit of measure for quantities	Quantities produced in this establishment and used in manufacturing other products made in this establishment
				592	(C)		
	(A)		591 (B)	Yes	No	(D)	593 (E)
1	Ferrous foundries		1001 7	1 <input type="checkbox"/>	2 <input type="checkbox"/>	Short tons	
2	NONFERROUS FOUNDRIES (Except die-casting)	Aluminum	1002 5	1 <input type="checkbox"/>	2 <input type="checkbox"/>	Thousand pounds	
3		Copper	1003 3	1 <input type="checkbox"/>	2 <input type="checkbox"/>		
4		Zinc	1004 1	1 <input type="checkbox"/>	2 <input type="checkbox"/>		
5		Other	1005 8	1 <input type="checkbox"/>	2 <input type="checkbox"/>		
6	Nonferrous die-casting foundries		1006 6	1 <input type="checkbox"/>	2 <input type="checkbox"/>		
7	Precision turned products (on screw machines, turning centers, and CNC equipment)		1007 4	1 <input type="checkbox"/>	2 <input type="checkbox"/>		

Items 20 and 21 – Not applicable to this report

REMARKS – Please use this space for any explanations that may be essential in understanding your reported data.

Item 22. CERTIFICATION – This report is substantially accurate and has been prepared in accordance with instructions.

Name of person to contact regarding this report (Print or type)

6671

Telephone

2

Area code

Number

Extension

Name of company

Address (Number and street, city, State, ZIP Code)

Period covered

6661

FROM: Month

Day

Year

TO: Month

2

Day

Year

Signature of authorized person

Title

Date